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DATE: Tuesday, June 21, 2005

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<input type="checkbox"/>	L13	L12 and composite\$	18
<input type="checkbox"/>	L12	L11 and (skin or mouth or vagina\$ or nose or nasal\$ or cutaneous\$ or dermal\$)	49
<input type="checkbox"/>	L11	L10 and (antimicrobial or antiviral or antiinflammatory or antiseptic or antihistamine or anesthetic or disinfectant or keratolytic or analgesic or (anti migraine) or antifungal or sweetner or flavor\$ or diagnostic\$)	54
<input type="checkbox"/>	L10	L9 and (mucosal\$ or cutaneous\$ or skin or dermal\$)	54
<input type="checkbox"/>	L9	L8 and (amlexanox or triclosan or hirudin or (plasmid) or lidocaine or benzocaine or dyclonine or benzodiazepine)	64
<input type="checkbox"/>	L8	L7 and Eudragit	148
<input type="checkbox"/>	L7	L6 and methacryl\$ and acryl\$ and copolymer\$	1665
<input type="checkbox"/>	L6	L5 and (noveon or carbomer or ((polyacrylic acid) and ((polyalkenyl ether) or (divinyl glycol))))	5465
<input type="checkbox"/>	L5	L4 and (ethanol or (propylene glycol) or glycerin or (polyethylene glycol))	5934
<input type="checkbox"/>	L4	L3 and solvent	6224
<input type="checkbox"/>	L3	L2 and (pH sensitive) and (film form\$)	7917
<input type="checkbox"/>	L2	L1 and (water insoluble) and (swell\$) and (mucoadhes\$ or bioadhes\$ or adhes\$)	9160
<input type="checkbox"/>	L1	(drug delivery) and gel\$	181634

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NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
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ACCESSION NUMBER: 2005:125479 USPATFULL
TITLE: Medical device with multiple coating layers
INVENTOR(S): Wang, Xingwu, Wellsville, NY, UNITED STATES
Greenwald, Howard J., Rochester, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005107870	A1	20050519
APPLICATION INFO.:	US 2004-923579	A1	20040820 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-914691, filed on 9 Aug 2004, PENDING Continuation-in-part of Ser. No. US 2004-887521, filed on 7 Jul 2004, PENDING Continuation-in-part of Ser. No. US 2004-867517, filed on 14 Jun 2004, PENDING Continuation-in-part of Ser. No. US 2004-810916, filed on 26 Mar 2004, GRANTED, Pat. No. US 6846985 Continuation-in-part of Ser. No. US 2004-808618, filed on 24 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-786198, filed on 25 Feb 2004, PENDING Continuation-in-part of Ser. No. US 2004-780045, filed on 17 Feb 2004, PENDING Continuation-in-part of Ser. No. US 2003-747472, filed on 29 Dec 2003, PENDING Continuation-in-part of Ser. No. US 2003-744543, filed on 22 Dec 2003, PENDING Continuation-in-part of Ser. No. US 2003-442420, filed on 21 May 2003, PENDING Continuation-in-part of Ser. No. US 2003-409505, filed on 8 Apr 2003, GRANTED, Pat. No. US 6815609		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET SUITE 2490, EAST ROCHESTER, NY, 14445-2408, US		
NUMBER OF CLAIMS:	62		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	54 Drawing Page(s)		
LINE COUNT:	18628		

AB An implantable medical device that contains two coating layers disposed above at least one of its surfaces. The first coating layer contains a biologically active material; and the second coating layer contains a **polymeric** material and nanomagnetic material disposed on the first coating layer; the second coating layer is substantially free of the biologically active material. The nanomagnetic material has a saturation magnetization of from about 2 to about 3000 electromagnetic units per cubic centimeter, and it contains nanomagnetic particles with an average particle size of less than about 100 nanometers; the average coherence length between adjacent nanomagnetic particles is less than 100 nanometers.

L4 ANSWER 2 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2005:92457 USPATFULL
TITLE: Medical device with low magnetic susceptibility
INVENTOR(S): Wang, Xingwu, Wellsville, NY, UNITED STATES
Greenwald, Howard J., Rochester, NY, UNITED STATES
Gunderman, Robert D., Honeyoye Falls, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005079132	A1	20050414
APPLICATION INFO.:	US 2004-914691	A1	20040809 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-887521, filed on 7 Jul 2004, PENDING Continuation-in-part of Ser. No. US 2004-867517, filed on 14 Jun 2004, PENDING Continuation-in-part of Ser. No. US 2004-810916, filed		

on 26 Mar 2004, GRANTED, Pat. No. US 6846985
Continuation-in-part of Ser. No. US 2004-808618, filed
on 24 Mar 2004, PENDING Continuation-in-part of Ser.
No. US 2004-786198, filed on 25 Feb 2004, PENDING
Continuation-in-part of Ser. No. US 2004-780045, filed
on 17 Feb 2004, PENDING Continuation-in-part of Ser.
No. US 2003-747472, filed on 29 Dec 2003, PENDING
Continuation-in-part of Ser. No. US 2003-744543, filed
on 22 Dec 2003, PENDING Continuation-in-part of Ser.
No. US 2003-442420, filed on 21 May 2003, PENDING
Continuation-in-part of Ser. No. US 2003-409505, filed
on 8 Apr 2003, GRANTED, Pat. No. US 6815609

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET
SUITE 2490, EAST ROCHESTER, NY, 14445-2408, US
NUMBER OF CLAIMS: 127
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 52 Drawing Page(s)
LINE COUNT: 17912

AB An assembly with a substrate, nanomagnetic material and magnetoresistive material. The nanomagnetic material has a saturation magnetization of from about 2 to about 3000 electromagnetic units per cubic centimeter; and it contains nanomagnetic particles with an average particle size of less than about 100 nanometers. The average coherence length between adjacent nanomagnetic particles is less than 100 nanometers.

L4 ANSWER 3 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2005:30367 USPATFULL
TITLE: Medical device with low magnetic susceptibility
INVENTOR(S): Wang, Xingwu, Wellsville, NY, UNITED STATES
Greenwald, Howard Jay, Rochester, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005025797	A1	20050203
APPLICATION INFO.:	US 2004-887521	A1	20040707 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-867517, filed on 14 Jun 2004, PENDING Continuation-in-part of Ser. No. US 2004-810916, filed on 26 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-808618, filed on 24 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-786198, filed on 25 Feb 2004, PENDING Continuation-in-part of Ser. No. US 2004-780045, filed on 17 Feb 2004, PENDING Continuation-in-part of Ser. No. US 2003-747472, filed on 29 Dec 2003, PENDING Continuation-in-part of Ser. No. US 2003-744543, filed on 22 Dec 2003, PENDING Continuation-in-part of Ser. No. US 2003-442420, filed on 21 May 2003, PENDING Continuation-in-part of Ser. No. US 2003-409505, filed on 8 Apr 2003, GRANTED, Pat. No. US 6815609		

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET
SUITE 2490, EAST ROCHESTER, NY, 14445-2408
NUMBER OF CLAIMS: 137
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 42 Drawing Page(s)
LINE COUNT: 17461

AB An assembly that contains a medical device and biological material within which the medical device is disposed. The assembly has a magnetic susceptibility within the range of plus or minus 1+10.sup.-3

centimeter-gram-seconds

L4 ANSWER 4 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2005:22862 USPATFULL
TITLE: Drug-eluting biodegradable stent
INVENTOR(S): Sung, Hsing-Wen, Hsinchu, TAIWAN, PROVINCE OF CHINA
Chen, Mei-Chin, Taipei County, TAIWAN, PROVINCE OF CHINA
Tu, Peter Y., Irvine, CA, UNITED STATES
Tu, Hosheng, Newport Beach, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005019404	A1	20050127
APPLICATION INFO.:	US 2004-916170	A1	20040811 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2003-610391, filed on 30 Jun 2003, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518050P	20031107 (60)
	US 2004-547935P	20040226 (60)
	US 2004-565438P	20040426 (60)
	US 2004-574501P	20040526 (60)
	US 2004-585775P	20040706 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOSHENG TU, 15 RIEZ, NEWPORT BEACH, CA, 92657-0116
NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 19 Drawing Page(s)
LINE COUNT: 2699

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a drug-loaded biodegradable stent and methods for treating vulnerable plaques of a patient comprising a plurality of layers or zones, each layer or zone comprising its own specific biodegradation rate and its specific drug loading characteristics. In one embodiment, the layers and zones are configured and arranged, in combination, radially, circumferentially and longitudinally.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2004:321764 USPATFULL
TITLE: Therapeutic assembly
INVENTOR(S): Wang, Xingwu, Wellsville, NY, UNITED STATES
Greenwald, Howard J., Rochester, NY, UNITED STATES
Lanzafame, John, Victor, NY, UNITED STATES
Weiner, Michael L., Webster, NY, UNITED STATES
Connelly, Patrick R., Rochester, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004254419	A1	20041216
APPLICATION INFO.:	US 2004-867517	A1	20040614 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-810916, filed on 26 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-808618, filed on 24 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-786198, filed on 25 Feb 2004, PENDING Continuation-in-part of Ser. No. US 2004-780045, filed on 17 Feb 2004, PENDING		

Continuation-in-part of Ser. No. US 2003-747472, filed on 29 Dec 2003, PENDING Continuation-in-part of Ser. No. US 2003-744543, filed on 22 Dec 2003, PENDING Continuation-in-part of Ser. No. US 2003-409505, filed on 8 Apr 2003, PENDING Continuation-in-part of Ser. No. US 2003-442420, filed on 21 May 2003, PENDING

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET
SUITE 2490, EAST ROCHESTER, NY, 14445-2408
NUMBER OF CLAIMS: 175
EXEMPLARY CLAIM: CLM-1-177
NUMBER OF DRAWINGS: 40 Drawing Page(s)
LINE COUNT: 16208

AB A therapeutic assembly that contains a therapeutic agent, a cytotoxic radioactive material, and a nanomagnetic material with nanomagnetic particles. The nanomagnetic particles have an average particle size of less than about 100 nanometers; and the average coherence length between adjacent nanomagnetic particles is less than 100 nanometers. The nanomagnetic material has a saturation magnetization of from about 2 to about 3000 electromagnetic units per cubic centimeter, a phase transition temperature of from about 40 to about 200 degrees Celsius, and a saturation magnetization of from about 2 to about 3,000 electromagnetic units per cubic centimeter

L4 ANSWER 6 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2004:308094 USPATFULL
TITLE: Covalent and non-covalent crosslinking of hydrophilic **polymers** and **adhesive** compositions prepared therewith

INVENTOR(S): Feldstein, Mikhail M., Moscow, RUSSIAN FEDERATION
Bairamov, Danir F., Moscow, RUSSIAN FEDERATION
Plate, Nicolai A., Moscow, RUSSIAN FEDERATION
Kulchikhin, Valery G., Moscow, RUSSIAN FEDERATION
Singh, Parminder, San Francisco, CA, UNITED STATES
Cleary, Gary W., Los Altos Hills, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004242770	A1	20041202
APPLICATION INFO.:	US 2004-825083	A1	20040414 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-463627P	20030416 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	REED & EBERLE LLP, 800 MENLO AVENUE, SUITE 210, MENLO PARK, CA, 94025	
NUMBER OF CLAIMS:	90	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	13 Drawing Page(s)	
LINE COUNT:	3505	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **water-insoluble, hydrophilic adhesive polymer** is provided, wherein the **polymer** is prepared by **polymerization** of a composition consisting of a hydrophilic monomer and a dual-function monomer that both (a) undergoes **polymerization** with the hydrophilic monomer and (b) provides crosslinks in the **polymer** product. **Water-insoluble, hydrophilic adhesive polymer** blends are also provided, which are free of covalent crosslinks. The

polymers are useful in hydrogel and bioadhesive compositions, which find utility as drug delivery systems (e.g., topical, transdermal, transmucosal, iontophoretic), medical skin coverings, wound dressings and wound healing products, biomedical electrodes, and tooth whitening stripes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2004:268745 USPATFULL
 TITLE: Novel nanomagnetic particles
 INVENTOR(S): Wang, Xingwu, Wellsville, NY, UNITED STATES
 Greenwald, Howard J., Rochester, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004210289	A1	20041021
APPLICATION INFO.:	US 2004-808618	A1	20040324 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2003-366082, filed on 13 Feb 2003, PENDING Continuation-in-part of Ser. No. US 2002-324773, filed on 18 Dec 2002, PENDING Continuation-in-part of Ser. No. US 2002-90553, filed on 4 Mar 2002, PENDING Continuation-in-part of Ser. No. US 2002-229183, filed on 26 Aug 2002, PENDING Continuation-in-part of Ser. No. US 2002-242969, filed on 13 Sep 2002, PENDING Continuation-in-part of Ser. No. US 2002-260247, filed on 30 Sep 2002, GRANTED, Pat. No. US 6673999 Continuation-in-part of Ser. No. US 2002-273738, filed on 18 Oct 2002, PENDING Continuation-in-part of Ser. No. US 2002-303264, filed on 25 Nov 2002, GRANTED, Pat. No. US 6713671 Continuation-in-part of Ser. No. US 2002-313847, filed on 7 Dec 2002, PENDING Continuation-in-part of Ser. No. US 2002-303264, filed on 25 Nov 2002, GRANTED, Pat. No. US 6713671		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET SUITE 2490, EAST ROCHESTER, NY, 14445-2408		
NUMBER OF CLAIMS:	98		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	51 Drawing Page(s)		
LINE COUNT:	11684		

AB A composition containing nanomagnetic particles. The, nanomagnetic particles have an average particle size of less than about 100 nanometers, a saturation magnetization of from about 2 to about 2,000 electromagnetic units per cubic centimeter, a phase transition temperature of from about 40 to about 200 degrees Celsius, and a squareness of from about 0.05 to about 1.0; the average coherence length between adjacent nanomagnetic particles is less than about 100 nanometers; and the nanomagnetic particles are at least triatomic.

L4 ANSWER 8 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2004:189788 USPATFULL
 TITLE: Oral extended release tablets and methods of making and using the same
 INVENTOR(S): Noack, Robert M., Grand Rapids, MI, UNITED STATES
 Heimlich, John M., Portage, MI, UNITED STATES
 Lee, Ernest John, Kalamazoo, MI, UNITED STATES

NUMBER	KIND	DATE

PATENT INFORMATION: US 2004146556 A1 20040729
APPLICATION INFO.: US 2003-696044 A1 20031029 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-422418P	20021030 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Karen B. King, Pharmacia Corporation, P. O. Box 1027, St. Louis, MO, 63006	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Page(s)	
LINE COUNT:	1144	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to oral dosage forms for extended release, including a dosage form for pH independent extended release, of at least one drug to a subject. The present invention is also directed to methods of making and using the dosage forms to treat or prevent a subject for various conditions. Specific extended release formulations of crystalline clindamycin free base are also provided. The crystalline clindamycin free base oral formulations of the present invention provide a means for treating or preventing gram-positive bacterial infections with a minimal number of treatments per day, potentially, as little as once or twice per day.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2004:82328 USPATFULL
TITLE: Surface dissolution and/or bulk erosion controlled
release compositions and devices
INVENTOR(S): Shefer, Adi, East Brunswick, NJ, UNITED STATES
Shefer, Samuel David, East Brunswick, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004062778	A1	20040401
APPLICATION INFO.:	US 2002-255289	A1	20020926 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Diane Dunn McKay, Esq., Mathews, Collins, Shepherd & McKay, P.A., 100 Thanet Circle, Suite 306, Princeton, NJ, 08540		
NUMBER OF CLAIMS:	94		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2102		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a controlled release system comprising matrix compositions which control the lag time and release rate of the composition, as well as pharmaceutical and other active ingredients included in the composition, through surface dissolution and/or bulk erosion of the system. The controlled release system can be used to target and control the release of active ingredients onto certain regions of the gastrointestinal tract including the stomach and the small intestine. The matrix compositions of the present invention can be comprised of the following components: a wax material, fat material, water sensitive material and surface active material.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2003:219333 USPATFULL

TITLE: Responsive microgel and methods related thereto
INVENTOR(S): Bromberg, Lev E., Swampscott, MA, UNITED STATES
Temchenko, Marina, Swampscott, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003152623	A1	20030814
APPLICATION INFO.:	US 2002-298808	A1	20021118 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-352200P	20020129 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Mathews, Collins, Shepherd & McKay, P.A., Suite 306, 100 Thanet Circle, Princeton, NJ, 08540	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Page(s)	
LINE COUNT:	3784	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A responsive microgel is provided which responds volumetrically and reversibly to a change in one or more aqueous conditions selected from the group consisting of (temperature, pH, and ionic conditions) comprised of an ionizable network of covalently cross-linked homopolymeric ionizable monomers wherein the ionizable network is covalently attached to an amphiphilic copolymer to form a plurality of `dangling chains` and wherein the `dangling chains` of amphiphilic copolymer form immobile micelle-like aggregates in aqueous solution. A responsive microgel is further provided that comprises at least one therapeutic entity and delivers a substantially linear and sustained release of the therapeutic entity under physiological conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2002:258475 USPATFULL
TITLE: **pH-sensitive mucoadhesive
film-forming gels** and
wax-film composites suitable for topical and mucosal
delivery of molecules
INVENTOR(S): Mumper, Russell, Lexington, KY, UNITED STATES
Jay, Michael, Lexington, KY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002142042	A1	20021003
APPLICATION INFO.:	US 2000-748133	A1	20001227 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MCDERMOTT, WILL & EMERY, 600 13th Street, N.W., Washington, DC, 20005-3096		
NUMBER OF CLAIMS:	62		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	12 Drawing Page(s)		
LINE COUNT:	1857		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **pH-sensitive mucoadhesive film-forming gels** and wax-film composites suitable for topical and mucosal delivery of molecules of interest, namely active pharmaceuticals. The **gels** comprise a pharmaceutically acceptable **pH-sensitive polymer** that responds to a lowering of pH by precipitating into

films when in contact with the skin or mucosal surface. The films also comprise an **adhesive polymer** that allows the film to remain in contact with the tissue for an extended period of time. The wax-film composites comprise a bi-layer film having both the said **pH-sensitive mucoadhesive** layer to promote strong adherence to the skin and mucosal surfaces as well as a specially bonded wax layer intended to extend the adherence of the film to tissues for a prolonged period of time. The invention also relates to the use of said **pH-sensitive film-forming gels** and wax-film composites to deliver molecules of interest, such as small molecules, peptides, proteins, and nucleic acids either locally to act at the site of administration or for the absorption of said molecules of interest across biological membranes into the systemic circulation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2002:242827 USPATFULL

TITLE: **pH-sensitive mucoadhesive film-forming gels** and wax-film composites suitable for topical and mucosal delivery of molecules

INVENTOR(S): Mumper, Russell, Lexington, KY, UNITED STATES

Jay, Michael, Lexington, KY, UNITED STATES

PATENT ASSIGNEE(S): UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002132008	A1	20020919
APPLICATION INFO.:	US 2002-72320	A1	20020207 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-748133, filed on 27 Dec 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	David L. Parker, Esq., FULBRIGHT & JAWORSKI L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX, 78701		
NUMBER OF CLAIMS:	62		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	12 Drawing Page(s)		
LINE COUNT:	1846		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **pH-sensitive mucoadhesive film-forming gels** and wax-film composites suitable for topical and mucosal delivery of molecules of interest, namely active pharmaceuticals. The **gels** comprise a pharmaceutically acceptable **pH-sensitive polymer** that responds to a lowering of pH by precipitating into films when in contact with the skin or mucosal surface. The films also comprise an **adhesive polymer** that allows the film to remain in contact with the tissue for an extended period of time. The wax-film composites comprise a bi-layer film having both the said **pH-sensitive mucoadhesive** layer to promote strong adherence to the skin and mucosal surfaces as well as a specially bonded wax layer intended to extend the adherence of the film to tissues for a prolonged period of time. The invention also relates to the use of said **pH-sensitive film-forming gels** and wax-film composites to deliver molecules of interest, such as small molecules, peptides, proteins, and nucleic acids either locally to act at the site of administration or for the absorption of said molecules of interest across biological membranes into the systemic circulation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2002:84925 USPATFULL
TITLE: Controlled- release dosage forms of azithromycin
INVENTOR(S): Curatolo, William J., Niantic, CT, UNITED STATES
Friedman, Hylar L., Brattleboro, VT, UNITED STATES
Koresmeyer, Richard W., Old Lyme, CT, UNITED STATES
LeMott, Steven R., East Lyme, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002044965	A1	20020418
APPLICATION INFO.:	US 2001-803628	A1	20010309 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-577059, filed on 22 May 2000, PENDING Division of Ser. No. US 1996-727634, filed on 4 Nov 1996, GRANTED, Pat. No. US 6068859 A 371 of International Ser. No. WO 1995-IB9400264, filed on 13 Apr 1995, UNKNOWN Continuation-in-part of Ser. No. US 1994-239094, filed on 6 May 1994, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Gregg C. Benson, Pfizer Inc., Patent Department, MS 4159, Eastern Point Road, Groton, CT, 06340		
NUMBER OF CLAIMS:	71		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	3511		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A controlled-release dosage form of azithromycin having an improved side effect profile; a process for preparing the dosage form; and a method of treating a microbial infection, comprising administering azithromycin in such a controlled-release dosage form to a mammal, including a human patient, in need of such treatment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 14 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2000:67450 USPATFULL
TITLE: Controlled-release dosage forms of Azithromycin
INVENTOR(S): Curatolo, William J., Niantic, CT, United States
Friedman, Hylar L., Brattleboro, VT, United States
Korsmeyer, Richard W., Old Lyme, CT, United States
LeMott, Steven R., East Lyme, CT, United States
PATENT ASSIGNEE(S): Pfizer Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6068859		20000530
	WO 9530422		19951116
APPLICATION INFO.:	US 1996-727634		19961104 (8)
	WO 1995-IB9400264		19950413
			19961104 PCT 371 date
			19961104 PCT 102(e) date
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-239094, filed on 6 May 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Benston, Jr., William E.		
LEGAL REPRESENTATIVE:	Richardson, Peter C., Benson, Gregg C., Jones, James T.		

NUMBER OF CLAIMS: 76
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 3588

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A controlled-release dosage form of azithromycin having an improved side effect profile; a process for preparing the dosage form; and a method of treating a microbial infection, comprising administering azithromycin in such a controlled-release dosage form to a mammal, including a human patient, in need of such treatment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 15 OF 16 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 1999:93171 EPFULL
UPDATE DATE PUBLICAT.: 20050113
DATA UPDATE DATE: 20050112
DATA UPDATE WEEK: 200502
TITLE (ENGLISH): CHROMONE ENTERIC RELEASE FORMULATION
TITLE (FRENCH): FORMULATION ENTERO-SOLUBLE DE CHROMONES
TITLE (GERMAN): CHROMONE ZUBEREITUNG ZUR ENTERALEN WIRKSTOFFFREISETZUNG
INVENTOR(S): Wigmore, Alexander James, Yew Turn, 7 Church Lane,
Lockington, Derby DE74 2TF, GB
PATENT APPLICANT(S): Hewlett Healthcare Limited, West View The Common,
Melbourne, Derbyshire DE73 1DH, GB
PATENT APPL. NUMBER: 3028041
AGENT: Bassett, Richard Simon, Eric Potter Clarkson, Park View
House, 58 The Ropewalk, Nottingham NG1 5DD, GB
AGENT NUMBER: 52833
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
LANGUAGE OF PROCEDURE: English
LANGUAGE OF TITLE: German; English; French
DOCUMENT TYPE: Patent
PATENT INFO TYPE: EPB1 Granted patent
PATENT INFORMATION:
PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE

EP 1128826	B1	20040121
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WO 2000027392		20000518
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DESIGNATED STATES: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT
SE

APPLICATION INFO.: EP 1999-954194 A 19991109

WO 1999-GB3731 A 19991109

PRIORITY INFO.: GB 1998-24604 A 19981111

CITED PATENT LIT.: WO 8500015 A

WO 9851300 A

GB 1525294 A

GB 1595220 A

US 4232012 A

L4 ANSWER 16 OF 16 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 1995:46999 EPFULL
DATA UPDATE DATE: 20021204
DATA UPDATE WEEK: 200249
TITLE (ENGLISH): CONTROLLED-RELEASE DOSAGE FORMS OF AZITHROMYCIN
TITLE (FRENCH): FORMES GALENIQUES A LIBERATION CONTROLEE DE
L'AZITHROMYCINE

TITLE (GERMAN): AZITHROMYCIN ENTHALTENDE ARZNEIVERABREICHUNGSFORMEN MIT
 GESTEUERTER WIRKSTOFFABGABE
 INVENTOR(S): CURATOLO, William J., 18 Patrick Place, Niantic, CT
 06357, US; FRIEDMAN, Hylar L., P.O. Box 1623,
 Brattleboro, VT 05301, US; KORSMEYER, Richard W., 51
 Sill Lane, Old Lyme, CT 06371, US; LE MOTT, Steven R.,
 38 Charter Oak Drive, East Lyme, CT 06333, US
 PATENT APPLICANT(S): PFIZER INC., 235 East 42nd Street, New York, N.Y.
 10017, US
 PATENT APPL. NUMBER: 200961
 AGENT: Wood, David John, PFIZER LIMITED, Ramsgate Road,
 Sandwich, Kent CT13 9NJ, GB
 AGENT NUMBER: 37881
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 DOCUMENT TYPE: Patent
 PATENT INFO TYPE: EPB1 Granted patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 758244	B1	20011128

DESIGNATED STATES:	WO 9530422	19951116
APPLICATION INFO.:	AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE	
	EP 1995-913923	A 19950413
	WO 1995-IB264	A 19950413
PRIORITY INFO.:	US 1994-239094	A 19940506
CITED PATENT LIT.:	EP 307128	A
	EP 582396	A
	WO 9509601	A